

Technical Specification & Compliance Khaki Uniform Material

[The Technical specifications may be provided in the following format. The bidder shall fill the columns 6 and 7. Bidder's failure to provide the information requested in the columns 6 and 7 may be a reason for the rejection of the Bid. If any discrepancy is observed between the information provided by the bidder in the column 6 and 7 and the other technical information attached to the bid, the information provided herein shall take precedence.]

(1)	(2)	(3)	(4)		(5)	(6)	(7)
Line Item No.	Description of goods or related service	Sub component	Technical Specifications and standards				
			Purchaser's Requirements			Bidder's offer	
			Requirements	Standard test methods	Priority	Yes (Y)/ No (N)	Remarks
01.	Khaki Uniform Material	1. Brand	To be specified by the bidder				
		2. It is Current manufacture	To be specified by the bidder				
		3. Construction Fabric Composition (%)	Requirements	Standard Test Methods			
			65 ± 3% Polyester 35 ± 3% viscose	ISO 1833:2006/2007			
		Warp Count – Ne	2/30 ± 5 %	ISO 7211-5:1984			
		Weft Count – Ne	2/30 ± 5 %	ISO 7211-5:1984			
		Ends per inch	60 ± 2	ISO 7211-2:1984			
		Picks per inch	58 ± 2	ISO 7211-2:1984			
		Weave	Plain (1/1)	ISO 7211-1:1984			
		Mass per Unit Area - g/m ²	190 min	BS 3801:1977			
		Fabric Width inches (Cuttable)	60 ± 1	ISO 3932:1976			
Performance Characteristics Breaking Strength – N (Strip method)	Warp Way Weft Way	1000 min 500 min	ISO 13934-1:1999				

		Tearing Strength - N Across Warp Across Weft	20 min 20 min	ISO13937-2-2000			
		Dimensional Change on washing % Warp Way Weft Way	2 Max 2 Max	ISO 5077:2007 ISO 6330:2000 Amd 1:2008 3-A,(60°C) Flat dry, ISO 3579:2011			
		Resistance to pilling (after 180,000 revs)	Grade 4 min	ISO 12945-1:2000			
		Crease Recovery Angle	130 ⁰ min	ISO 2313:1972			
		Skewness %	4 max	BS 2819:1990			
		Colour Fastness to Light	5 min	ISO 105 B 02:1994 Amd 1:1998, Amd 2:2000			
		Colour Fastness to Washing	Gr 4 min	ISO 105 C 10:2006 C (03) 60 °C			
		Colour Fastness to Rubbing – dry – Wet	Gr 4 min Gr 3 min	ISO 105 x 12:2001			
		Colour Fastness to Hot Pressing	Gr 4 min	ISO 105-X 11:1994 (150°C)			
		Colour Fastness to Perspiration	Gr 4 min	ISO 105E 04:2008			

		Colour	L = 34.699 A = 4.489 B = 13.004				Page 47
		Δ E	1.5 max				
		Fabric defects	Free of major flaws	Visual observation			
<p>* As a guideline CIE Lab values colour scale used – D65, Double layers, Temp 27° ± 2, humidity 65%, Spectrophotometer – data coulor 600 Specular Medium aperture, viewing angle at specimen 10°</p>							

Name of Bidder:

Signature of Bidder:

Date:

PS 75299

[Insert complete name of Bidder]

[Signature of person signing the Bid]

(Insert Date)